

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION**

**MONITORING AND REPORTING PROGRAM NO. R9-2005-0226
FOR
THE PORT OF SAN DIEGO
DREDGING PROJECT AT TENTH AVENUE MARINE TERMINAL
BERTHS 10-3 THROUGH 10-6
SAN DIEGO COUNTY**

A. MONITORING PROVISIONS

1. Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge. All samples shall be taken at the monitoring points specified in this Order and, unless otherwise specified, before the effluent joins or is diluted by any other waste stream, body of water, or substance. Monitoring points shall not be changed without notification to and the approval of the Regional Board.
2. Monitoring must be conducted according to United States Environmental Protection Agency or California Department of Health Services approved test procedures as described in the current Title 40, Code of Federal Regulations (CFR), Part 136 and 261, or the current California Code of Regulations, Title 22, Article 11, as appropriate, unless other test procedures have been specified in this Monitoring and Reporting Program.
3. All analyses shall be performed in a laboratory certified to perform such analyses by the California Department of Health Services or a laboratory approved by the Regional Board.
4. Monitoring results must be reported on discharge monitoring report forms approved by the Regional Board.
5. If the discharger monitors any pollutants more frequently than required by this Monitoring and Reporting Program, using test procedures as specified in Item No. 2 above, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the discharger's monitoring report(s). The increased frequency of monitoring shall also be reported.
6. The discharger shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this Order, and records of all data used to complete the application for this Order. Records shall be maintained for a minimum of five years from the date of the sample, measurement, report or application. This period may be extended during the course of any unresolved litigation regarding this discharge or when requested by the Regional Board.

7. Records of monitoring information shall include:
 - (a) The date, exact place, and time of sampling or measurements, or observations;
 - (b) The individual(s) who performed the sampling, measurements, or observations;
 - (c) The date(s) analyses were performed;
 - (d) The individual(s) who performed the analyses;
 - (e) The analytical techniques or method used; and
 - (f) The results of such analyses.
8. All monitoring instruments and devices which are used by the discharger to fulfill the prescribed monitoring program shall be properly maintained and calibrated as necessary to ensure their continued accuracy.
9. The discharger shall report all instances of noncompliance not reported under Standard Provision C.4 of Order No. R9-2005-0226 at the time monitoring reports are submitted.
10. The monitoring reports shall be signed by an authorized person as required by Report and Record Keeping Requirement D.8.
11. A grab sample is an individual sample of at least 100 milliliters collected at a randomly selected time over a period not exceeding 15 minutes.

B. INITIAL REPORT

The discharger shall notify the Regional Board by letter prior to starting their project. The notification shall be received by the Regional Board at least three days before any dredging work begins.

C. OPERATIONS MONITORING

The discharger shall submit as part of their monitoring report the following information:

1. Estimates of the daily volume (in cubic yards) of dredge material and the location from which the material was removed.
2. The total volume (in cubic yards) of dredged material removed during the project and the total volume (in cubic yards) of material deposited at each final disposal location.

D. VISUAL OBSERVATIONS

During any monitoring conducted pursuant to this monitoring and reporting program, visual observations shall also be made and recorded and submitted as part of the required reports. The following observations shall be made and recorded:

1. Velocity and direction of the currents;
2. Tidal stage;
3. Appearance of rubbish or refuse (including cans, bottles, paper, plastic, etc.), garbage, trash or any other solid waste;
4. Appearance of oil or other materials of petroleum origin;
5. Discoloration and extent of any visible turbidity plume; and
6. Odors.

E. RECEIVING WATER MONITORING

Sampling shall occur at three sampling stations. Station A is at 500 feet updrift of the dredging activities and outside any visual plume. Station B is inside any visual plume at the dredging site and/or within the silt curtain if possible. Station C is at 500 feet downdrift of the dredging activities inside any visual plume if possible. At these stations, a Secchi Disc or turbidity meter shall be used each day during dredging activities to sample turbidity. If turbidity at Station C increases more than 20% over the turbidity at Station A, the dredging operations shall be suspended and appropriate measures taken, the Regional Board Executive Officer notified and remedial measures shall be implemented.

F. CHEMICAL ANALYSIS

A minimum of two grab samples of the receiving water at mid-depth within the visible turbidity plume at the dredging site shall be collected and analyzed for the listed constituents. At least one sample shall be at each station identified in the above Item E:

CONSTITUENT	UNIT	SAMPLING FREQUENCY	REPORTING FREQUENCY
Total suspended solids	mg/L	biweekly*	monthly

*Twice a week

G. COMPLIANCE STATEMENTS

The discharger will submit statements indicating compliance or noncompliance of the National City Marine Terminal Dredging Project with the requirements of Order No.R9-2005-0226. Compliance statements will be submitted monthly until project completion.

H. REPORTING

Monitoring reports shall be submitted to the Regional Board in accordance with the following schedule:

<u>Reporting Frequency</u>	<u>Report Period</u>	<u>Report Due</u>
Monthly	January, February, March April, May, June, July August, September, October November, December	By the 30 th day of the following month
Quarterly	January through March April through June July through September October through December	By the 30 th of April By the 30 th of July By the 30 th of October By the 30 th of January

The discharger shall notify the Regional Board by letter the date dredging activities subside in April and the date activity resumes in September.

Monitoring Reports shall be submitted to:

California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, Ca 92123-4340

Ordered by: TENTATIVE
JOHN H. ROBERTUS
Executive Officer